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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

<b>Application Number</b>	09/776,705
<b>Filing Date</b>	February 6, 2001
<b>First Named Inventor</b>	Karl GUEGLER et al.
<b>Art Unit</b>	1646
<b>Examiner Name</b>	Bridget Bunner
<b>Attorney Docket Number</b>	CI 001010

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
Bob	-	WO 00 111168 A	3/2/2000	Univ Princeton	—	
Bob	-	WO 01 90146 A	11/29/2001	Millennium Pharmaceuticals	—	

Examiner  
Signature

Brigitte E. Burner

**Date  
Considered**

8/11/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 3

## Complete if Known

Application Number	09/776,705
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Group Art Unit	1646
Examiner Name	Bridget Bunner
Attorney Docket Number	CL001010

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## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
BEB	—	DATABASE EMBL 'Online! "Haematopoietic Stem Cell Specific Protein." June 19, 2000. Database accession No. AAY79188. XP002227496.
BEB	—	DATABASE EMBL 'Online! "Haematopoietic Stem Cell Specific Nucleic Acid." June 19, 2000. Database accession No. AAZ94095. XP002227544.
BEB	—	DATABASE EMBL 'Online! "Homo Sapiens, Complete Sequence." <del>March 24, 1999</del> <del>October 27, 1998</del> . Database accession No. AC005854. XP002227698.
BEB	—	DATABASE EMBL 'Online! "Homo Sapiens 12 BAC RPCI11-66E20, Complete Sequence." <del>July 12, 1999</del> . Database accession No. AC008014. XP002227699. ; <del>04 SEPT 2002</del>
BEB	—	DATABASE EMBL 'Online! "zille12.s1 Soares Fetal Liver Spleen 1NFLS S1 Homo Sapiens cDNA Clone 4305103.". December 4, 1997. Database accession No. AA680367. XP002227700.
BEB	—	DATABASE EMBL 'Online! "Amino Transporter hNAT3 (amino transporter system A3)." December 1, 2001. Database accession No. Q96916. XP002227497. Hatanaka et al. "Evidence for the Transport of Neutral as Well as Cationic Amino Acids by ATA3, a Novel and Liver-Specific Subtype of Amino Acid Transport System A." <del>BIOCHIM. BIOPHYS. ACTA. Vol. 1510, 2001, Pages 10-17.</del>
BEB	—	DATABASE EMBL 'Online! "Homo Sapiens Amino Acid Transporter System A1mRNA, Complete cds." Database accession No. AF305814. XP002227545. ; <del>01 MAY 2001</del>
BEB	—	DATABASE EMBL 'Online! "Homo Sapiens Amino Acids Transporter hNAT3 mRNA, Complete cds." Database Accession No. AF193836. XP002227546. ; <del>11 JULY 2001</del>
BEB	—	Gu et al. "A Novel Human Amino Acid Transporter, hNAT3: cDNA Cloning, Chromosomal Mapping, Genomic Structure, Expression, and Functional Characterization." GENOMICS. Vol. 74, No. 3, 2001, Pages 262-272.
BEB	—	DATABASE EMBL 'Online! "Sequence 5 from Patent WO0190146." January 7, 2002. Database accession No. AX328010. XP002227498.
BEB	—	DATABASE EMBL 'Online! "Sequence 5 from Patent WO0190146." <del>January 7, 2002</del> . Database accession No. AX328009. XP002227547.

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Signature

Bridget E. Bunner

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First Named Inventor	Karl GUEGLER et al.
Group Art Unit	1646
Examiner Name	Bridget Bunner
Attorney Docket Number	CL001010

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
<i>BB</i>	—	DATABASE EMBL ‘Online! “Amino Acid Transporter System A3.” March 1, 2001. Database accession No. Q9EQ25. XP002227499. Sugawara et al. “Structure and Function of ATA3, a New Subtype of Amino Acid Transport System, A, Primarily Expressed in the Liver and Skeletal Muscle.” BIOCHEM. BIOPHYS. ACTA. Vol. 1509, No. 1-2, 2000, Pages 7-13.	—
	—	International Search Report dated February 6, 2003.	RECEIVED FEB 26 2003 TECH CENTER 1600/2900

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Signature*Bridget E. Bunner*Date  
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Sheet 1 of 2

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<b>Application Number</b>	09/776,705
<b>Filing Date</b>	February 6, 2001
<b>First Named Inventor</b>	Karl GUEGLER et al.
Art Unit	1647
Examiner Name	B. Bunner
Attorney Docket Number	CI 001010

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Examiner Initials	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
Bob	—	WO 01/90146 A2	11/29/2001	Millennium Pharm. Inc.	—	—

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Brigit E. Bunner

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Sheet

2

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Group Art Unit	1647
Examiner Name	B. Bunner
Attorney Docket Number	CL001010

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**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

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BEB	-	Results of BLAST search of SEQ ID NO: 2 against Geneseq and NCBI Patent Databases on June 11, 2003.  Curtis, R. A. Genbank Accession No. (AD20438, 07 JAN 2002; gi 18098153 NCBI Database.	-

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